



**Energy Solutions**  
INTERNATIONAL, INC.

**LT  
GOLD**

## LED TROFFER RETROFIT KIT

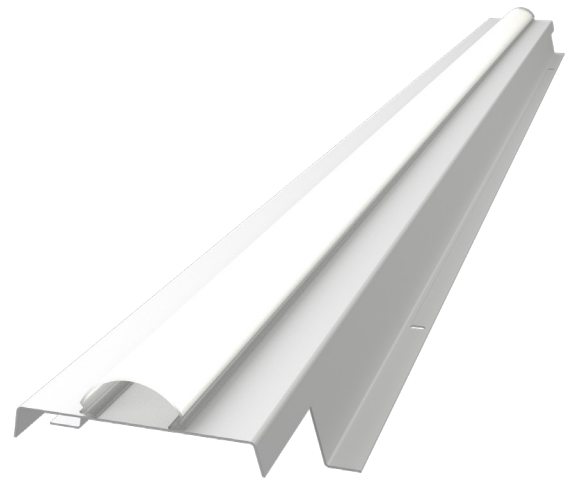
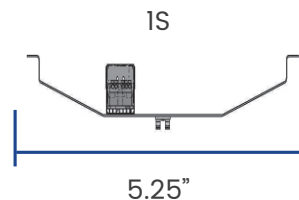
TYPE	PROJECT NAME	DATE

### FEATURES

- All Aluminum construction for superior heat transfer & component life
- Increases light output while decreasing wattage by more than 50%
- Utilizing Phillips Xitanium drivers and Phillips Fortimo LED Boards
- Compatible with most troffer housings
- Provides even wide spread illumination

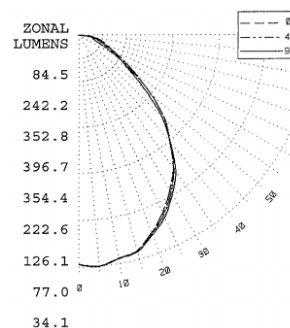
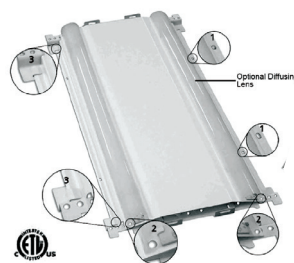
### DIMENSIONS

- 1x4 1S Design



### TECHNICAL INFORMATION

- Mounting: Fits in most troffer housings.
- Housing: All aluminum construction minimizes weight.
- Construction: The solid body provides added rigidity.
- LEDs: Best efficacy of mid-level power LEDs, 80+ CRI, utilizes aluminum substrate to provide an advanced thermal management system.

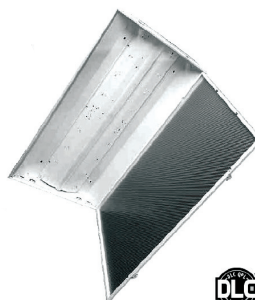


LED lighting facts®	
Light Output (Lumens)	1890
Watts	14
Lumens per Watt (Efficacy)	135
Color Accuracy Color Rendering Index (CRI)	82
Light Color Correlated Color Temperature (CCT)	3500 (Bright White)
Warm White	Bright White
2700K	3000K
4500K	6500K

### INSTALLATION POINTS

#### MOUNTING OPTIONS

- Screw to troffer housing
- Screw to existing socket bar
- Install with tabs on new socket bars



LUMEN SUMMARY				
ZONE	LUMENS	% FIXTURE	ZONE	LUMENS
0 - 30	679	35.9	90 - 120	0
0 - 40	1076	56.9	90 - 130	0
0 - 60	1653	87.5	90 - 150	0
0 - 90	1890	100	90 - 180	0
TOTAL LUMINAIRE =			0 - 180	1890

IES SPACING CRITERIA : END = 1.2 DIAGONAL = 1.2 CROSS = 1.2



**MADE IN THE USA**

**LT 17001**



**Energy Solutions**  
INTERNATIONAL, INC.

**LT**  
**GOLD**

## ORDERING INFORMATION

Part Number = Style + Size + Light Engine + Color Temperature + Options  
(Example: K-24LT-F4L0-1S-35 = 2'x4' LT retrofit kit with a 20 watt light engine & 3500K LED Boards)

SYTLE	SIZE	LIGHT ENGINE 1x4 1 Strip	COLOR TEMPERATURE	OPTIONS
K - RETROFIT KIT	14LT - 1' X 4'	F4X5-1S - 15W - 1998 LUMENS	35 - 3500K LED COLOR TEMP	FR - FROSTED LENS
		F4L0-1S - 20W - 2671 LUMENS	40 - 4000K LED COLOR TEMP	
		F4L5-1S - 25W - 3339 LUMENS	50 - 5000K LED COLOR TEMP	
		F4N0-1S - 30W - 4003 LUMENS		
		F4N3-1S - 33W - 4409 LUMENS		
		F4N6-1S - 36W - 4813 LUMENS		
		F4M0-1S - 40W - 5314 LUMENS		
		F4M4-1S - 43W - 5737 LUMENS		

### CONTROLS CAPABILITIES

***"All products are IoT-Ready!"***



OCCUPANCY / VACANCY



GROUPING



DIMMING



DAYLIGHT HARVESTING



SCHEDULING



NETWORKED LIGHTING CONTROLS



 **MADE IN THE USA**

**LT 17001**